**PATENT** 

Attorney Docket No.: FORS-08314

## **DECLARATION FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled Target-Dependent Reactions Using Structure-Bridging Oligonucleotides, the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's

PCT/US98/03194	PCT	05/05/98	Yes
Number	Country	Day/Month/Year	Filed Priority Claimed
the subject matter of each of the cla by the first paragraph of Title 35,	ims of this application is not di United States Code, § 112, I a ons, § 1.56(a) which occurred	sclosed in the prior United S cknowledge the duty to disc	plication(s) listed below and, insofar as tates application in the manner provided close material information as defined in the prior application and the national or
09/402,618	07/	18/00	Pending
08/851,588	05/	05/97	Patented
08/934,097		18/97	Patented
09/034,205	03/	03/98	Patented
Application Serial No.	Filin	g Date	Patented, Pending or Abandoned
are believed to be true; and further made are punishable by fine or imp	that these statements were materisonment or both, under § 10	ide with the knowledge that 01 of Title 18 of the United	tements made on information and belief willful false statements and the like so I States Code and that such willful false
are believed to be true; and further	that these statements were materisonment or both, under § 10 dity of the application or any	ide with the knowledge that 01 of Title 18 of the United	willful false statements and the like so
are believed to be true; and further made are punishable by fine or impostatements may jeopardize the valiable.  Full Name of Sole or First Inventor Inventor's Signature:	that these statements were materisonment or both, under § 10 dity of the application or any or: Bruce P. Neri	ide with the knowledge that 01 of Title 18 of the United patent issued thereon.  Date	willful false statements and the like so I States Code and that such willful false
are believed to be true; and further made are punishable by fine or impostatements may jeopardize the valing Full Name of Sole or First Inventor Inventor's Signature:  Residence: 5714 Kilkenny Place,	that these statements were materisonment or both, under § 10 dity of the application or any or: Bruce P. Neri  Madison, WI 53711	ade with the knowledge that 01 of Title 18 of the United patent issued thereon.  Date Citiz	willful false statements and the like so I States Code and that such willful false
are believed to be true; and further made are punishable by fine or important statements may jeopardize the valing Full Name of Sole or First Inventor Inventor's Signature:  Residence: 5714 Kilkenny Place, Post Office Address: 5714 Kilken	that these statements were materisonment or both, under § 10 dity of the application or any or: Bruce P. Neri  Madison, WI 53711  my Place, Madison, WI 5371	ade with the knowledge that 01 of Title 18 of the United patent issued thereon.  Date Citiz	willful false statements and the like so I States Code and that such willful false
are believed to be true; and further made are punishable by fine or important statements may jeopardize the valid Full Name of Sole or First Inventor Inventor's Signature:  Residence: 5714 Kilkenny Place, Post Office Address: 5714 Kilken Full Name of Second Joint Inventor	that these statements were materisonment or both, under § 10 dity of the application or any or: Bruce P. Neri  Madison, WI 53711  my Place, Madison, WI 5371	ade with the knowledge that 01 of Title 18 of the United patent issued thereon.  Date Citiz	willful false statements and the like so I States Code and that such willful false  : enship: United States of America
are believed to be true; and further made are punishable by fine or important statements may jeopardize the valing statements may jeopardize the valing full Name of Sole or First Inventor Inventor's Signature:  Residence: 5714 Kilkenny Place, Post Office Address: 5714 Kilkenny Place, Full Name of Second Joint Inventor Inventor's Signature:	that these statements were materisonment or both, under § 10 dity of the application or any or: Bruce P. Neri  Madison, WI 53711 my Place, Madison, WI 5371 or: Fang Dong	ide with the knowledge that 01 of Title 18 of the United patent issued thereon.  Date Citiz	willful false statements and the like so I States Code and that such willful false  : enship: United States of America
are believed to be true; and further made are punishable by fine or important statements may jeopardize the valid Full Name of Sole or First Inventor Inventor's Signature:  Residence: 5714 Kilkenny Place, Post Office Address: 5714 Kilken Full Name of Second Joint Inventor Inventor's Signature:  Residence: 2950 Wilderness Place	that these statements were materisonment or both, under § 10 dity of the application or any or: Bruce P. Neri  Madison, WI 53711  my Place, Madison, WI 5371  or: Fang Dong  e, Boulder, CO 80301	ide with the knowledge that 01 of Title 18 of the United patent issued thereon.  Date Citiz	willful false statements and the like so I States Code and that such willful false  : enship: United States of America
are believed to be true; and further made are punishable by fine or imp statements may jeopardize the vali	that these statements were materisonment or both, under § 10 dity of the application or any or: Bruce P. Neri  Madison, WI 53711  my Place, Madison, WI 5371  or: Fang Dong  e, Boulder, CO 80301  mess Place, Boulder, CO 803	ide with the knowledge that 01 of Title 18 of the United patent issued thereon.  Date Citiz	willful false statements and the like so I States Code and that such willful false  : enship: United States of America
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As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Target-Dependent Reactions Using Structure-Bridging Oligonucleotides**, the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

PCT/US98/03194	PCT	05/05/98	Yes
Number	Country	Day/Month/Year Filed	Priority Claimed
I hereby claim the benefit under as the subject matter of each of the provided by the first paragraph of defined in Title 37, Code of Federational or PCT international filing	ne claims of this application is not Title 35, United States Code, § ral Regulations, § 1.56(a) which	ot disclosed in the prior United S 112, I acknowledge the duty to d	tates application in the manne lisclose material information a
09/402,618	07/18/	/00	Pending
08/851,588	05/05/		Patented
08/934,097	09/18/	'97	Patented
09/034,205	03/03/	98	Patented
Application Serial No.	Filing I	Date Pate	ented, Pending or Abandoned
belief are believed to be true; and like so made are punishable by fi willful false statements may jeopa	further that these statements were ne or imprisonment or both, und rdize the validity of the application	e made with the knowledge that the ler § 1001 of Title 18 of the Un	willful false statements and the
belief are believed to be true; and like so made are punishable by fi willful false statements may jeopa  Full Name of Fourth Joint Invento	further that these statements were ne or imprisonment or both, und rdize the validity of the application	e made with the knowledge that the ler § 1001 of Title 18 of the Un	willful false statements and the
belief are believed to be true; and like so made are punishable by fi willful false statements may jeopa  Full Name of Fourth Joint Invento  Inventor's Signature:	further that these statements were ne or imprisonment or both, und rdize the validity of the application: Mary Ann Brow	e made with the knowledge that ler § 1001 of Title 18 of the Un on or any patent issued thereon.  Date:	willful false statements and the ited States Code and that such
belief are believed to be true; and like so made are punishable by fi willful false statements may jeopa  Full Name of Fourth Joint Inventor Inventor's Signature:  Residence: 901 Pebble Beach Dri	further that these statements were ne or imprisonment or both, und rdize the validity of the application: Mary Ann Brow  ve, Madison, WI 537171	e made with the knowledge that ler § 1001 of Title 18 of the Un on or any patent issued thereon.  Date:  Citizenship:	willful false statements and the
I hereby declare that all statement belief are believed to be true; and like so made are punishable by fi willful false statements may jeopa  Full Name of Fourth Joint Inventor Inventor's Signature:  Residence: 901 Pebble Beach Dri Post Office Address: 910 Pebble  Full Name of Fifth Joint Inventor:	further that these statements were ne or imprisonment or both, und rdize the validity of the application: Mary Ann Brow  ve, Madison, WI 537171  Beach Drive, Madison, WI 5371	e made with the knowledge that ler § 1001 of Title 18 of the Un on or any patent issued thereon.  Date:  Citizenship:	willful false statements and the ited States Code and that such
belief are believed to be true; and like so made are punishable by fi willful false statements may jeopa  Full Name of Fourth Joint Inventor  Inventor's Signature:  Residence: 901 Pebble Beach Dri Post Office Address: 910 Pebble  Full Name of Fifth Joint Inventor:	further that these statements were ne or imprisonment or both, und rdize the validity of the application: Mary Ann Brow  ve, Madison, WI 537171  Beach Drive, Madison, WI 5371	e made with the knowledge that the ler § 1001 of Title 18 of the Union or any patent issued thereon.  Date: Citizenship:	willful false statements and the ited States Code and that such
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Ap Serial No Filed:	4	Bruce P. Neri et al.	Group No. Examiner:	:			
Entitled:		Target-Dependent Reactions Using Structure-Bridging Oligonucleotides					
POWER OF ATTORNEY BY ASSIGNEE							
P.O. Box	sioner for Patents x 1450 ria, VA 22313-14	50					
	Third Wave Techn	nologies, Inc., as Assignee of reco	ord of the entire interest of the	above-identified patent application, hereby			
appoints the members of the firm of MEDLEN & CARROLL, LLP, a firm composed of:							
	Jaen Andrews Tanya A. Arensor Jason R. Bond Thomas J. Bordne Mary Ann D. Bro Thomas W. Brow Peter G. Carroll	(Reg. No. 45,439) er (Reg. No. 47,436) w (Reg. No. 42,363)	David A. Casimir Maha A. Hamdan Thomas C. Howert J. Mitchell Jones Christine A. Lekuti David J. Wilson	(Reg. No. 44,174)			
as its atte	orneys with full po	wer of substitution to prosecute th	is application and transact all b	usiness in the Patent and Trademark Office			
in conne	ection therewith.						
Please direct all future correspondence and telephone calls regarding this application to:							
	101 How San Fran	& CARROLL, LLP ard Street, Suite 350 cisco, California 94105	Telephone: 608/218-6900 Facsimile: 608/218-6910				
	-	_		iled subsequent to the filing date of the			
application, has been reviewed and I hereby certify that, to the best of my knowledge and belief, title is with Third Wave Technologies,							
Inc.							
Dated:			Ву:				

Title: \_

Third Wave Technologies, Inc. 502 South Rosa Road Madison, WI 53719